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## INFORMATION DISCLOSURE CITATION BY APPLICANT

(Use several sheets if necessary)

| Attorney Docket Number PANA-01046U | Serial No.<br>SH New Application |
|------------------------------------|----------------------------------|
| Applicant R                        | ichard M. Ehrlich                |
| Filing Date Herewith               | Group Art Unit New Application   |

|  |              |                       |                           | J.S. PATENTS                                    |                        |                 |                      |
|--|--------------|-----------------------|---------------------------|---|------------------------|-----------------|----------------------|
| caminer Initial  |              | Patent Number         | Issue Date                | Name  | Class                  | Subclass        | Filing Date          |
| 12   | 1.           | 5,050,016 A           | 9/17/1991                 | Squires   |                        |                 | 10/12/1989           |
| 7  | 2.           | 5,170,299 A           | 12/8/1992                 | Moon  |                        |                 | 8/17/1990            |
|  | 3.           | 5,255,136 A           | 10/19/1993                | Machado et al.                                  |                        |                 | 6/4/1991             |
|  | 4.           | 5,384,671 A           | 1/24/1995                 | Fisher  |                        |                 | 12/23/1993           |
|  | 5.           | 5,420,730 A           | 5/30/1995                 | Moon et al.                                     |                        |                 | 1/11/1994            |
|  | 6.           | 5,477,103 A           | 12/19/1995                | Romano et al.                                   |                        |                 | 6/4/1993             |
|  | 7.           | 5,544,135 A           | 8/6/1996                  | Akin, Jr. et al.                                |                        | $X^-$           | 10/11/1994           |
|  | 8.           | 5,796,535 A           | 8/18/1998                 | Tuttle et al.                                   | 7                      |                 | 5/12/1995            |
|  | <br>9.       | 5,903,410 A           | 5/11/1999                 | Blaum et al.                                    | 7                      |                 | 3/24/1997            |
|  | 10.          | 5,963,387 A           | 10/5/1999                 | Son   |                        |                 | 9/5/1997             |
|  | 11.          | 5,966,258 A           | 10/12/1999                | Bliss   |                        |                 | 5/21/1997            |
| 1.   | 12.          | 6,021,012 A           | 2/1/2000                  | Bang  |                        |                 | 6/27/1997            |
| V  | 13.          | 6,111,710 A           | 8/29/2000                 | Feyh et al.                                     |                        |                 | 8/29/2000            |
| 1)   | 14.          | 6,155, 199 A          | 12/52000                  | Chen et al.                                     |                        | \               | 3/31/1998            |
| <del>-                                    </del>       | 15.          |                       |                           |   |                        |                 |                      |
|  |              |                       | U.S. PAT                  | TENT PUBLICATIONS                               |                        |                 |                      |
| Examiner Initial Patent Application Publication Number |              | Publication Date      |                           | Applica   | nnt<br>                |                 |                      |
|  | 16.          |                       |                           |   | <u>.  </u>             |                 |                      |
|  | 17.          |                       |                           |   |                        |                 |                      |
|  | 18.          |                       |                           |   |                        |                 |                      |
| XAMINER  | <del> </del> | Ten                   |                           | DATE CONSIDERED .                               | 27/0                   | 5               |                      |
|  |              |                       | ot citation is in conform | nance with MPEP § 609; Draw line through citati | on if not in conforman | ce and not cons | idered. Include copy |
|  |              | ication to applicant. |                           | , filed, 20                                     | , relied on under 3:   |                 |                      |